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POLIOMYELITIS SURVEILLANCE
REPORT NO. 26, JUNE 2, 1955

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

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SPECIAL NOTE

The information provided in this report represents the latest data reported to the Poliomyelitis Surveillance Unit from State Health Departments, Epidemic Intelligence Service Officers, participating laboratories, and other pertinent sources. Much of the material is preliminary in nature and is subject to confirmation and change. It is distributed for the benefit of all participants with the understanding that it will not be released to the press or to unauthorized persons. Any release of this information will be strictly limited to the Office of the Surgeon General, United States Public Health Service, Washington, D. C. In such releases cases will be identified by State only; initials and residence will not be made public. State Health Officers, of course, are free to reveal any information they may wish concerning data from their State.

Poliomyelitis in Vaccinated Individuals

Accepted cases total 125 at 12:00 noon 6-2-55 (Table 1). Ten new cases were accepted today from New York (2), Idaho (2), Texas (3), Tennessee (1), Virginia (1), and South Carolina (1). The two New York cases received Parke-Davis vaccine; one had onset 9 days following vaccination while the other developed symptoms 24 hours after inoculation. The two cases from Idaho were associated with Cutter vaccine. The remaining six cases were Lilly associated. Of these six, two were paralytic and four non-paralytic. One duplicated case (PSU No. Ida-10, same as PSU No. Ida-16) was dropped.

Dr. Robert Francis, Virus and Rickettsial Laboratory, CDC, Montgomery, Alabama, (Dr. Morris Schaeffer, Chief) reports isolation of type 3 poliomyelitis virus from a contact of a Lilly vaccinated case (PSU Case No. Ga-1). Isolation of type 3 virus from the case itself was reported previously.

Dr. Karl Habel, National Institutes of Health, reports isolation of type 1 poliomyelitis virus from the stool of a Wyeth associated case (PSU Case No. Md-1).

Poliomyelitis in Parents and Siblings of Vaccinated Individuals

A backlog of 16 cases from Idaho which were being held pending further investigation were accepted today following detailed follow-up and confirmation by the State. All of these cases occurred in parents or siblings of Cutter inoculated children. Nine had onsets between May 1 and May 14, and seven between May 15 and May 23. This brings the total number of PSU accepted cases in parents and siblings of vaccinated individuals to 70 at 12:00 noon 6-2-55 (Table 2).

Dr. Robert Francis, Montgomery Laboratory, reports isolation of type 1 poliomyelitis virus from both vaccinated individuals who were contacts of PSU Case No. Tenn-XI. He has also isolated type 1 virus from the spinal cord of fatal case PSU Case No. Ga-XI.

Poliomyelitis in Community Contacts of Vaccinated Individuals

Seven new community contact cases were accepted today. Of these, six gave a history of contact with a Cutter vaccinated child and one with a Lilly vaccinated child. Including 10 previously accepted cases, a total of 17 community contact cases have been accepted through 12:00 noon, June 2, 1955. A tabular listing of these cases will appear tomorrow.

NEAL NATHANSON *NATHANSON*

Neal Nathanson, M. D.
Chief
Poliomyelitis Surveillance Unit

NN:bm

6-2-55

600

Table 1

Vaccinated Cases by State and Manufacturer
(PSU Accepted Cases Through June 2, 1955)

State	C**		L		PD		PM		W		Total
	P*	NP*	P	NP	P	NP	P	NP	P	NP	
California	27	6									33
Idaho	16	1									17
Oregon	3				1						4
Louisiana	1		2	2							5
Washington	1										1
Colorado	1										1
Illinois	1				2						3
Indiana			1								1
Georgia	1		1								2
New York	1				1	1					3
West Virginia			4								4
Texas	1		2	14							17
Hawaii	1										1
Missouri	1										1
Nevada	3	1									4
Pennsylvania									3	3	6
Wyoming	1										1
Connecticut		1									1
Mississippi			1								1
Ohio	1								1	1	3
Virginia				6							6
Delaware									2		2
Arkansas				2							2
Nebraska							1	1			2
Arizona		1									1
Maryland									1		1
Tennessee				1							1
South Carolina			1								1
Sub-Totals	60	10	12	25	4	1	1	1	7	4	
Totals		70		37		5		2		11	125

* P - Paralytic; NP - Non-paralytic

** C - Cutter; L - Lilly; PD - Parke-Davis; PM - Pittman-Moore; W - Wyeth

Table 2

Poliomyelitis in Parents and Siblings of Vaccinated Individuals
(PSU Accepted cases through June 2, 1955)

State	Manufacturer**										Relationship to Vaccinate			Health of Vaccinate		
	C		L		W		PD		PM		Par-ent	Sib-ling	No Data	Ill	Not Ill	No Data
	P*	NP*	P	NP	P	NP	P	NP	P	NP						
California	6	1									5	1	1	2	2	3
Idaho	17	6									3	20		5	3	15
Colorado	2										2				2	
Georgia	3		1								3	1		2	2	
Maryland	1				5	1					1	5	1	3	3	1
Montana	1										1			1		
Nevada	3	1									1	3		1	3	
Tennessee	1										1			1		
New Mexico	1	1										2		1	1	
Texas	1		2								2	1			3	
Arizona		2									2				1	1
Hawaii	1											1		1		
Dist. Columbia					1							1			1	
Oregon	1											1			1	
Washington	1	1									2			1	1	
Pennsylvania					1						1					1
Ohio	1		1		1	1					2	2		1	3	
Mississippi			1									1				1
Alabama			1	2								3				3
Sub-Totals	40	12	6	2	8	2	0	0	0	0	26	42	2	19	26	25
Totals	52		8		10		0		0		70			70		

* P - Paralytic; NP - Non-paralytic

** C - Cutter; L - Lilly; W - Wyeth; PD - Parke-Davis; PM* Pittman-Moore

PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp	Date 1st Para	Site Inoc	Site 1st Para	Mfr	Lot No	Remarks
<p style="text-align: center;"><u>REVISIONS</u> (Revised Items Underlined)</p>												
Ida-10	<u>Dropped - same case as Ida-16</u>											
Ga-1	Columbus	KF	6	M	4-19	4-23	4-27	RA	Bulbar	L	5081-649340	Type 1 virus from case and 1 <u>contact 6-2 (Montgomery Lab)</u>
Neb-1	Omaha	JK	8	M	5-5	5-11	5-13	LA	LL	PM	?175007 ?175009	
Neb-2	Humboldt	JW	7	M	4-27	5-9	None	LA	None	PM	?175006 ?175007	Non-paralytic, confirmed by Health Department
Md-1	Rockville	<u>JJC</u>	6	M	5-3	5-21	5-26	LA	Bulbar	W	236??	<u>Type 1 virus in stool 5-25</u> <u>(Dr. Habel)</u>

Code of Abbreviations:

PSU - Poliomyelitis Surveillance Unit
Mfr - Manufacturer
C - Cutter Laboratories
L - Lilly Laboratories
W - Wyeth Laboratories
CSF - Cerebro Spinal Fluid

LA - Left Arm
RA - Right Arm
LL - Left Leg or Buttocks
RL - Right Leg or Buttocks

JUNE 2, 1955
12:00 NOON

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE COMMUNICABLE DISEASE CENTER

POLIOMYELITIS SURVEILLANCE UNIT
Accepted Cases Associated with Poliomyelitis Vaccine
Daily Supplementary Report

PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date 1st Symp	Date 1st Para	Site Inoc	Site 1st Para	Mfr	Lot No	Remarks
NY-2	Old Bethpage	DL	6	F	5-18	5-29	5-30	LA	LA	PD	028861-B	
Ida-17	Paul	JG	7	F	4-19	5-14	5-21	?	LL	C	?E6039, ?E6058	
Ida-18	Grace	KA	7	F	4-19	5-21	?	LA	Trunk	C	?E6039, ?E6058	
Tex-15	Houston	REL	9	M	4-19	5-21	None	LA	None	L	7078-649343	CSF 232 cells, non-paralytic
Tex-16	Houston	WMcD	9	M	4-19	5-20	None	LA	None	L	7078-649343	CSF 234 cells, non-paralytic
Tex-17	Gainesville	RF	8	M	5-6	5-27	5-28	LA	RL	L	7078-649343	Bulbar, died 5-31. Unvaccinated neighbor developed paralytic polio at same time.
NY-3	Niagara Falls	LS	8	F	5-25	5-26	None	LA	None	PD	029128-C	Onset 1 day after inoculated
Tenn-1	Oak Ridge	WMcG	6	M	4-20	5-22	None	LA	None	L	7079-649341	CSF 180 cells, non-paralytic Non-paralytic
Va-6	Marion	HVN	6	F	5-3	5-25	None	?	None	L	7078-649343	CSF abnormal, non-paralytic
SC-1	Eau Claire	BW	6	F	4-29	5-15	5-23	?	Legs	L	7079-649341	Mild paralytic

JUNE 2, 1955
12:00 NOON

POLIOMYELITIS AMONG UNVACCINATED PERSONS GIVING HISTORY OF FAMILIAL CONTACT WITH
INDIVIDUALS WHO HAVE RECEIVED POLIOMYELITIS VACCINE
(PSU Accepted Cases June 2, 1955)

Vaccinated Individuals										Poliomyelitis Case (Not Vaccinated)						
PSU CASE NO	Residence	Ini- tials	Age	Sex	Date Inoc	Date Illness	Type Illness	Mfr	Lot Number	Ini- tials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
Ida-X8	St. Anthony	?S	7	F	4-19	?	?	C	?E6039 ?E6058	LLS	4	F	5-13	5-15	Bulbar	
		?S	7	F	4-19	?	?	C	?E6039 ?E6058							
Ida-X9	Mt. Home	?B	8	F	?	?	Fever	C	?E6039 ?E6058	IB	33	F	5-12	5-15	RA	
Ida-X10	Lewiston	?A	7	F	4-19	?	?	C	?E6039 ?E6058	RA	3	M	5-14	5-18	RL	
Ida-X11	Deary	?S	8	F	?	?	?	C	?E6039 ?E6058	SS	9	F	5-13	5-18	Trunk	
Ida-X12	Preston	?P	?	M	4-19	?	?	C	?E6039 ?E6058	NP	9	F	5-11	5-18	Legs	Same contact as Ida-X13
Ida-X13	Preston	?P	?	M	4-19	?	?	C	?E6039 ?E6058	JP	3	F	5-4	5-18	Legs	Same contact as Ida-X12
Ida-X14	Boise	?K	6	F	?	?	?	C	?E6039 ?E6058	KK	3	F	5-21	5-27	LL	
Ida-X15	Paris	?P	7	F	4-20	?	?	C	?E6039 ?E6058	JP	3	M	5-17	5-22	Legs	
Ida-X16	Idaho Falls	?A	?	?	?	?	?	C	?E6039 ?E6058	RA	14	M	5-18	None	None	CSF abnormal, non-paralytic
Ida-X17	Lewiston	?C	6	M	4-19	?	?	C	?E6039 ?E6058	RC	12	M	5-23	None	None	CSF abnormal, non-paralytic
Ida-X18	Boise	?L	9	M	4-27	?	?	C	?E6039 ?E6058	LL	10	F	5-10	None	None	CSF abnormal, non-paralytic
Ida-X19	Bonner's Ferry	?H	7	M	4-27	?	?	C	?E6039 ?E6058	RH	13	M	5-18	5-22	RA	
Ida-X20	Boise	KR	10	F	4-20	?	?	C	?E6039, ?E6058	PR	35	M	5-15	5-22	Bulbar	Died 5-23
		JR	9	M	4-20	?	?	C	?E6039, ?E6058							

Vaccinated Individuals										Poliomyelitis Case (Not Vaccinated)						
PSU	Residence	Ini- tials	Age	Sex	Date Inoc	Date Illness	Type Illness	Mfr	Lot Number	Ini- tials	Age	Sex	Date 1st Symp	Date 1st Para	Site 1st Para	Remarks
Ida-X21	McCammon	?H	8	F	4-20	?	Muscle Pain	C	?E6039 ?E6058	MH	1	M	5-17	5-19	RL	
Ida-X22	Rupert	?M	8	?	4-20	5-7	Fever Headache	C	?E6039 ?E6058	RM	32	M	5-14	None	None	CSF 418 cells, non-paralytic
Ida-X23	Caldwell	?O	7	M	4-21	?	?	C	?E6039 ?E6058	CO	4	M	5-1	None	None	CSF abnormal, non-paralytic
REVISIONS (Revised Items Underlined)																
Tenn-X1	Knoxville	NS DS	4 1	M	4-18 4-18	4-25 4-29	Tonsillitis Tonsillitis	C C	E5973 E5973	LS E2	26 3	F F	5-3 2-13	5-6 2-13	Bulbar Bulbar	Type 1 virus from stool of both vaccinated contacts 6-2 (Montgomery Lab)
Ga-X1	Atlanta	PS	1	M	4-18	4-20	Fever	C	?E6044 ?E5973	FS	29	F	5-7	5-9	Legs	Fulminating bulbar, died 5-12 Type 1 virus from spinal cord 6-2 (Montgomery Lab)